

PROCESS FOR CREATING ADHESION ELEMENTS ON A SUBSTRATE MATERIAL

Abstract of the Disclosure

A process for creating adhesion elements on a substrate material (10) uses at least one plastics material introduced into at least one shaping element (12). By producing adhesion elements with flared ends which adhere primarily as a result of van-der-Waals forces, the excellent adhesion characteristics of a gecko's foot are achieved in a biomechanical model without having to separate the setae fibres as in nature.